

PROPOSED LED SIGNAL HEAD MODULES

1,2,4,5,
8,9,11,12
R
Y
G
12"

7,10
R
Y
G
8"

PROPOSED LED SIGNALS

3,6
R
Y
G
12"

EXISTING OVERHEAD SIGNS
TO BE RELOCATED

13,14

Red Toad RD
DUAL FACED

EXISTING SIGNS TO REMAIN

15,16



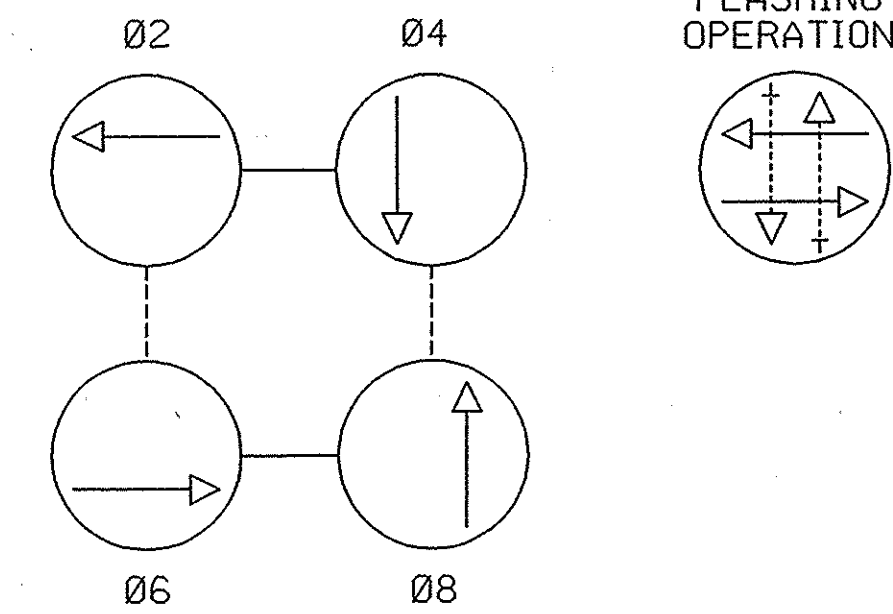
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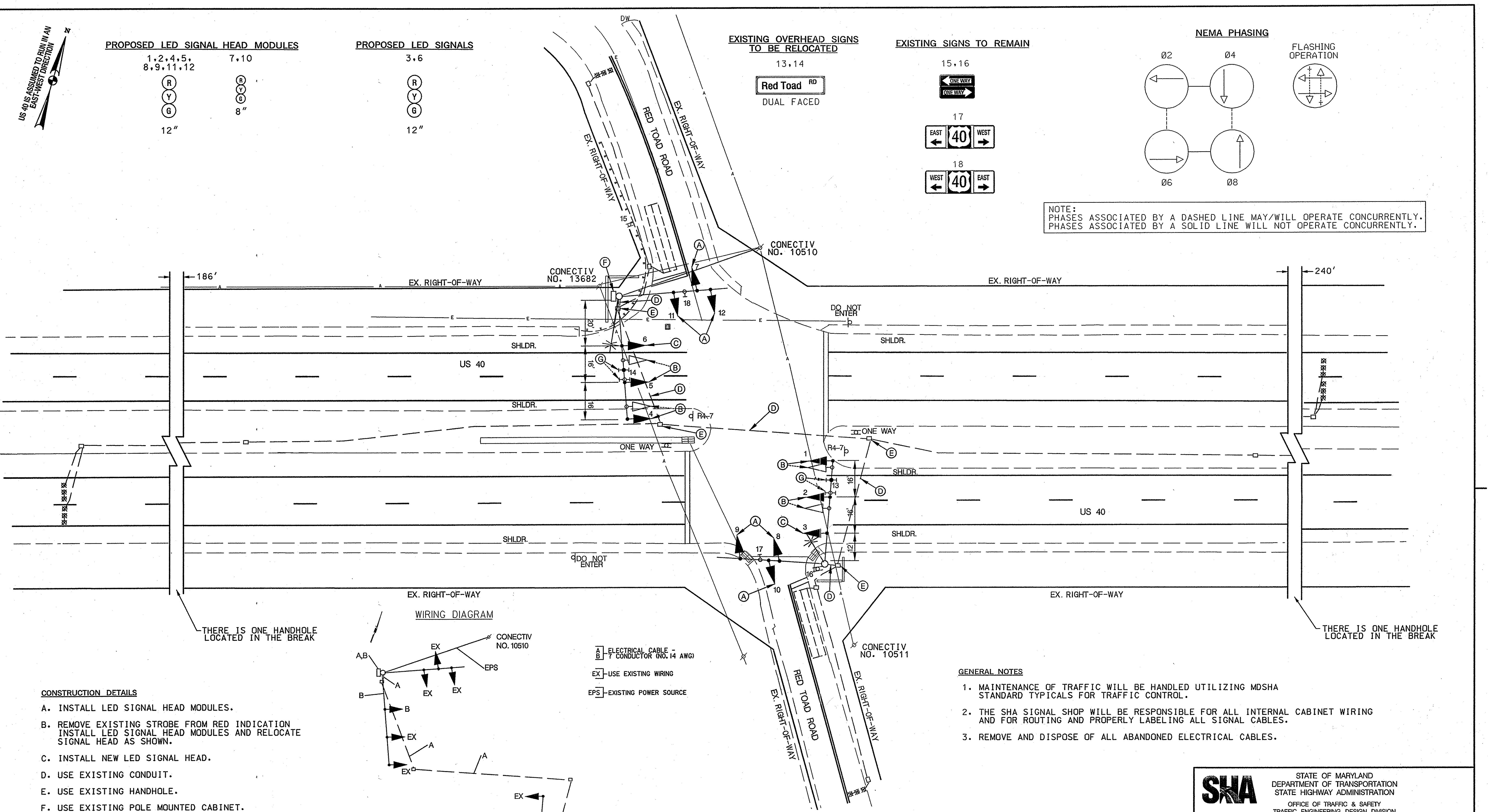
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NEMA PHASING



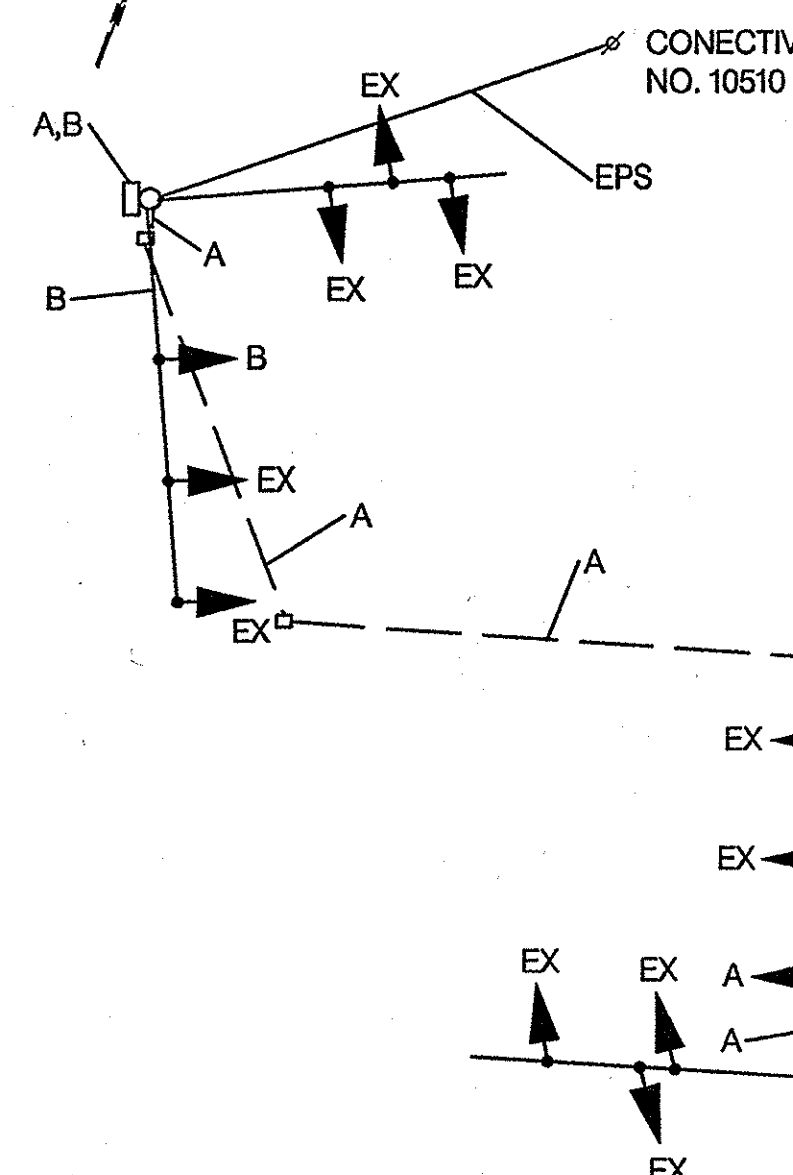
NOTE:
PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- INSTALL LED SIGNAL HEAD MODULES.
- REMOVE EXISTING STROBE FROM RED INDICATION
INSTALL LED SIGNAL HEAD MODULES AND RELOCATE
SIGNAL HEAD AS SHOWN.
- INSTALL NEW LED SIGNAL HEAD.
- USE EXISTING CONDUIT.
- USE EXISTING HANDHOLE.
- USE EXISTING POLE MOUNTED CABINET.
- RELOCATE EXISTING OVERHEAD SIGN AS NECESSARY.

WIRING DIAGRAM



A - ELECTRICAL CABLE -
B - 7 CONDUCTOR (NO. 14 AWG)
EX - USE EXISTING WIRING
EPS - EXISTING POWER SOURCE

EQUIPMENT LIST 'A'

EQUIPMENT TO BE FURNISHED BY THE SHA.

ITEM NO.	QUANTITY	DESCRIPTION
9001	6 EA	8 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD MODULE
9002	24 EA	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD MODULE
9003	6 EA	12 INCH LED VEHICULAR TRAFFIC SIGNAL HEAD SECTION
9004	350 LF	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)

GENERAL NOTES

- MAINTENANCE OF TRAFFIC WILL BE HANDLED UTILIZING MDSA
STANDARD TYPICALS FOR TRAFFIC CONTROL.
- THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING
AND FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
- REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 40 AT RED TOAD ROAD

TRAFFIC SIGNALIZATION PLAN

SCALE 1" = 20' ADVERTISED DATE AUGUST 6, 1999 CONTRACT NO. XX1005185

DESIGNED BY: COUNTY: CECIL
DRAWN BY: C.P./J.S. LOGMILE: 07004007.35
CHECKED BY: JAHMAR TIMS NO.:
F.A.P. NO.: N/A TOD NO.:

TS NO. 3920B DRAWING SG-01 OF 1 SHEET NO. 1 OF 1

APPROVALS
TEAM LEADER
ASST. DIV. CHIEF
DIVISION CHIEF
OFFICE DIRECTOR

REVISIONS
042308 INSTALL LED MODULES AND ADDITIONAL SIGNAL HEADS ON US 40 SHOP FORCES
040501 CHANGE ICS TO FULL COLORS AND ADD DETECTORS
040501 EIN

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BY: youngsd



STV Incorporated

UTILITY LEGEND

E - E - ELECTRIC CABLES SD - SD - STORM DRAIN
A - A - AERIAL CABLES G - G - GAS MAIN
T - T - TELEPHONE CABLES W - W - WATER MAIN
F - F - FIBER-OPTIC S - S - SEWER MAIN

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